

August 1, 1995

IRD CLASS FROM RTM

paragraph_id	segment_allocation	req_title	text
ADC-0010	CSMS		The ECS interface with the ADCs shall support two-way Level 2 or 3 interoperability.
ADC-0100			The ADCs shall have the capability to send and the ECS shall have the capability to receive directory metadata.
ADC-0110			The ECS shall have the capability to send and the ADCs shall have the capability to receive directory metadata.
ADC-0120			The ADCs shall have the capability to send and the ECS shall have the capability to receive User Authentication Requests.
ADC-0130			The ECS shall have the capability to send and the ADCs shall have the capability to receive User Authentication Requests.
ADC-0140			The ADCs shall have the capability to send and the ECS shall have the capability to receive User Authentication Results.
ADC-0150			The ECS shall have the capability to send and the ADCs shall have the capability to receive User Authentication Results.
ADC-0200			The ADCs shall have the capability to send and the ECS shall have the capability to receive Guide Search Requests.
ADC-0210			The ECS shall have the capability to send and the ADCs shall have the capability to receive Guide Search Requests.
ADC-0220			The ADCs shall have the capability to send and the ECS shall have the capability to receive Guide Search Results.
ADC-0230			The ECS shall have the capability to send and the ADCs shall have the capability to receive Guide Search Results.
ADC-0240			The ADCs shall have the capability to send and the ECS shall have the capability to receive Inventory Search Requests.
ADC-0250			The ECS shall have the capability to send and the ADCs shall have the capability to receive Inventory Search Requests.
ADC-0260			The ADCs shall have the capability to send and the ECS shall have the capability to receive Inventory Search Results.

ADC-0270			The ECS shall have the capability to send and the ADCs shall have the capability to receive Inventory Search Results.
ADC-0280			The ADCs shall have the capability to send and the ECS shall have the capability to receive Browse Requests.
ADC-0290			The ECS shall have the capability to send and the ADCs shall have the capability to receive Browse Requests.
ADC-0300			The ADCs shall have the capability to send and the ECS shall have the capability to receive Browse Results.
ADC-0310			The ECS shall have the capability to send and the ADCs shall have the capability to receive Browse Results.
ADC-0320			The ADCs shall have the capability to send and the ECS shall have the capability to receive Cost Estimate Requests.
ADC-0330			The ECS shall have the capability to send and the ADCs shall have the capability to receive Cost Estimate Requests.
ADC-0340			The ADCs shall have the capability to send and the ECS shall have the capability to receive Cost Estimates.
ADC-0350			The ECS shall have the capability to send and the ADCs shall have the capability to receive Cost Estimates.
ADC-0400			The ADCs shall have the capability to send and the ECS shall have the capability to receive Product Requests.
ADC-0410			The ECS shall have the capability to send and the ADCs shall have the capability to receive Product Requests.
ADC-0420			The ADCs shall have the capability to send and the ECS shall have the capability to receive Product Delivery Status Requests.
ADC-0430			The ECS shall have the capability to send and the ADCs shall have the capability to receive Product Delivery Status Requests.
ADC-0440			The ADCs shall have the capability to send and the ECS shall have the capability to receive Product Delivery Status.
ADC-0450			The ECS shall have the capability to send and the ADCs shall have the capability to receive Product Delivery Status.

ADC-0460			The ADCs shall have the capability to send and the ECS shall have the capability to receive Data Availability Schedules for ADC products requested by the ECS as ancillary data for ECS product generation.
ADC-0500			The ECS shall have the capability to send, and the ADCs shall have the capability to receive ECS-cataloged information, to include as a minimum L0-L4 data products, calibration data, documents, algorithm packages, and spacecraft and instrument logs.
ADC-0510			The ADC shall have the capability to send and the ECS shall have the capability to receive ADC-cataloged information, to include as a minimum L0-L4 data products, calibration data, documents, and algorithm packages.
ADC-0520			The ECS shall have the capability to send, to ADC users, ECS-cataloged information, to include as a minimum L0-L4 data products, calibration data, documents, algorithm packages, and spacecraft and instrument logs.
ADC-0530			The ADC shall have the capability to send, to ECS users, ADC-cataloged information, to include as a minimum L0-L4 data products, calibration data, documents, and algorithm packages.
ADC-0560			The ADCs shall have the capability to send and the ECS shall have the capability to receive Schedule Adjudication information.
ADC-0570			The ECS shall have the capability to send and the ADCs shall have the capability to receive Schedule Adjudication information.
ADC-0600			The ADCs shall have the capability to send and the ECS shall have the capability to receive Network Management information.
ADC-0610			The ECS shall have the capability to send and the ADCs shall have the capability to receive Network Management information. 5.3Performance Interface Requirements TBS

paragraph_id	segment_allocation	req_title	text	ICD Rqmt Para. #
NOAA0010	SDPS CSMS	interoperability	The interface between the ECS and the SAAs shall support two-way Level 2 or 3 catalog interoperability as defined by the CEOS.	<u>3.0, 4.1.1, 4.2.1, 4.3, 4.4, 4.5.1, 4.5.2, 5.2.1 5.2.2, 5.2.1.11, 5.2.2.11</u>
NOAA0020	SDPS	Document ancillary data set list	The ECS shall maintain a controlled list of the mutually-agreed data sets required from the NOAA ADC to support ECS standard product generation.	<u>5.2.3</u>
NOAA0030	SDPS	ECS/SAA I/F support V0 protocols	The interface providing catalog interoperability between the ECS and the SAA shall support the V0 protocol.	<u>4.5.1, 4.1.1 5.2.1</u>
NOAA0100	SDPS	SAA send advertising info	The SAAs shall have the capability to send and the ECS shall have the capability to receive advertising information.	<u>4.1.1, 4.2.1 4.3, 4.4, 4.5.2, 5.2.1 5.2.1.1,</u>
NOAA0110	SDPS	ECS send advertising info	The ECS shall have the capability to send and the SAAs shall have the capability to receive advertising information.	<u>5.2.2.1</u>
NOAA0120	CSMS	SAA send user authentication reqst	The SAAs shall have the capability to send and the ECS shall have the capability to receive User Authentication Requests.	<u>5.2.1.2</u>
NOAA0130	CSMS	ECS send user authentication rqst	The ECS shall have the capability to send and the SAAs shall have the capability to receive User Authentication Requests.	<u>5.2.2.2</u>
NOAA0140	CSMS	SAA send user authentication result	The SAAs shall have the capability to send and the ECS shall have the capability to receive User Authentication Results.	<u>5.2.2.2</u>
NOAA0150	CSMS	ECS sen user authentication results	The ECS shall have the capability to send and the SAAs shall have the capability to receive User Authentication Results.	<u>5.2.1.2</u>
NOAA0200	SDPS	SAA send guide query	The SAAs shall have the capability to send and the ECS shall have the capability to receive Guide Queries.	<u>5.2.2.3</u>
NOAA0210	SDPS	ECS send guide queries	The ECS shall have the capability to send and the SAAs shall have the capability to receive Guide Queries.	<u>5.2.1.3, 4.5.2, 5.2.1</u>
NOAA0210	SDPS	ECS send guide queries	The ECS shall have the capability to send and the SAAs shall have the capability to receive Guide Queries.	

NOAA0220	SDPS	SAA send guide results	The SAAs shall have the capability to send and the ECS shall have the capability to receive Guide Query Results.	<u>5.2.1.3, 4.5.2, 5.2.1</u>
NOAA0230	SDPS	ECS send guide results	The ECS shall have the capability to send and the SAAs shall have the capability to receive Guide Query Results.	<u>5.2.2.3</u>
NOAA0240	SDPS	SAA send inventory queries	The SAAs shall have the capability to send and the ECS shall have the capability to receive Inventory Queries.	<u>5.2.2.4</u>
NOAA0250	SDPS	ECS send inventory queries	The ECS shall have the capability to send and the SAAs shall have the capability to receive Inventory Queries.	<u>5.2.1.4, 5.2</u>
NOAA0260	SDPS	SAA send inventory results	The SAAs shall have the capability to send and the ECS shall have the capability to receive Inventory Query Results.	<u>5.2.1.5, 5.2</u>
NOAA0270	SDPS	ECS send inventory results	The ECS shall have the capability to send and the SAAs shall have the capability to receive Inventory Query Results.	<u>5.2.2.5</u>
NOAA0280	SDPS	SAA send browse request	The SAAs shall have the capability to send and the ECS shall have the capability to receive Browse Requests.	<u>5.2.2.6</u>
NOAA0290	SDPS	ECS send browse requests	The ECS shall have the capability to send and the SAAs shall have the capability to receive Browse Requests.	<u>6.2.1.6, 5.2</u>
NOAA0300	SDPS	SAA send browse results	The SAAs shall have the capability to send and the ECS shall have the capability to receive Browse Results.	<u>5.2.1.7, 5.2.1, 5.2.1.7.1, 5.2.1.7.2</u>
NOAA0310	SDPS	ECS send browse results	The ECS shall have the capability to send and the SAAs shall have the capability to receive Browse Results.	<u>5.2.2.7</u>
NOAA0320	SDPS	SAA send cost estimate requests	The SAAs shall have the capability to send and the ECS shall have the capability to receive Cost Estimate Requests.	<u>5.2.2.8</u>
NOAA0330	SDPS	ECS send cost estimate requests	The ECS shall have the capability to send and the SAAs shall have the capability to receive Cost Estimate Requests.	<u>5.2.1.8</u>
NOAA0340	SDPS	SAA send cost estimates	The SAAs shall have the capability to send and the ECS shall have the capability to receive Cost Estimates.	<u>5.2.1.9</u>
NOAA0350	SDPS	ECS send cost estimates	The ECS shall have the capability to send and the SAAs shall have the capability to receive Cost Estimates.	<u>5.2.2.8</u>
NOAA0400	SDPS	SAA send product requests	The SAAs shall have the capability to send and the ECS shall have the capability to receive Product Requests.	<u>5.2.2.9</u>

NOAA0410	SDPS	ECS send product requests	The ECS shall have the capability to send and the SAAs shall have the capability to receive Product Requests.	<u>5.2.1, 5.2.1</u>
NOAA0420	SDPS	SAA send product del status request	The SAAs shall have the capability to send and the ECS shall have the capability to receive Product Delivery Status Requests.	<u>5.2.2.10</u>
NOAA0430	SDPS	ECS send product del status request	The ECS shall have the capability to send and the SAAs shall have the capability to receive Product Delivery Status Requests.	<u>5.2.1.10</u>
NOAA0440	SDPS	SAA send product delivery status	The SAAs shall have the capability to send and the ECS shall have the capability to receive Product Delivery Status.	<u>5.2.1.10</u>
NOAA0450	SDPS	ECS send product delivery status	The ECS shall have the capability to send and the SAAs shall have the capability to receive Product Delivery Status.	<u>5.2.2.10</u>
NOAA0460	SDPS	SAA send s/c schedules for anc data	The SAAs shall have the capability to send and the ECS shall have the capability to receive Spacecraft Schedules for SAA data sets requested by the ECS as ancillary data for ECS product generation.	<u>5.2.3.5</u>
NOAA0510	SDPS	SAA send anc data	The SAAs shall have the capability to send and the ECS shall have the capability to receive data sets to be used as ancillary data for ECS standard product generation.	<u>4.1.2, 4.2.2, 4.3, 4.5.3, 5.2.3, 5.2.3.1, 5.2.3.2, 5.2.3.3, 5.2.3.4, 5.2.3.5, 5.2.3.6</u>
NOAA0520	SDPS	ECS send products etc	The ECS shall have the capability to send, to SAA users, ECS-cataloged information, to include as a minimum data products, calibration data, documents, and algorithm packages.	<u>5.2.2.9, 5.2.3.6</u>
NOAA0530	SDPS	SAA send products etc	The SAAs shall have the capability to send, to ECS users, SAA-cataloged information, to include as a minimum data products, calibration data, documents, and algorithm packages.	<u>5.2.1.9, 5.2.3.6</u>
NOAA0560	SDPS CSMS	schedule adjudication	The SAAs and the ECS shall have the capability to perform Schedule Adjudication via telephone.	<u>5.2.4.1</u>
NOAA0570	SDPS	SAA send algorithm packages	The SAAs shall have the capability to send and the ECS shall have the capability to receive Algorithm Packages contributed by the SAAs as EOSDIS resources.	<u>5.2.3.6</u>

NOAA0580	SDPS	ECS send algorithm packages	The ECS shall have the capability to send and the SAAs shall have the capability to receive Algorithm Packages archived by the ECS as EOSDIS resources.	<u>5.2.3.6</u>
NOAA0600	CSMS	SAA send nw mgt info	The SAAs shall have the capability to send and the ECS shall have the capability to receive Network Management information.	<u>5.2.4.2</u>
NOAA0610	CSMS	ECS send nw mgt info	The ECS shall have the capability to send and the SAAs shall have the capability to receive Network Management information.	<u>5.2.4.2</u>
NOAA0700	SDPS CSMS	ECS send anc data request to NMC	The ECS shall have the capability to send and the NMC shall have the capability to receive requests for ancillary data to support ECS standard product generation.	<u>5.4</u>
NOAA0710	SDPS	NMC send anc data	The NMC shall have the capability to send and the ECS shall have the capability to receive data sets to be used as ancillary data for ECS standard product generation.	<u>5.4</u>
NOAA0720	SDPS	ECS send product avail query to NMC	The ECS shall have the capability to send and the NMC shall have the capability to receive Product Availability Queries.	<u>5.4</u>
NOAA0730	SDPS	NMC send product avail list	The NMC shall have the capability to send and the ECS shall have the capability to receive Product Availability Lists.	<u>5.4</u>
NOAA0800	SDPS	NOAA DCs send advertising info	The NOAA Data Centers shall have the capability to send and the ECS shall have the capability to receive advertising information.	<u>5.3</u>